

MAGNETIC TRANSDUCERS OF IMPROVED  
RESISTANCE TO ARBITRARY MECHANICAL SHOCK

Abstract of the Disclosure

- 5           The armature of an electromagnetic transducer, extending through the polarizing  
flux between opposing permanent magnet pole faces, is snubbed to limit its shock-  
induced excursions normal to the directions of its extent and of the flux field. Such  
snubbing helps to protect the armature from plastic damage and accompanying shift of  
magnetic balance of the transducer upon the occurrence of a strong mechanical shock in  
10 an arbitrary direction.